

**To:** OBrien, Wendy[OBrien.Wendy@epa.gov]; McKean, Deborah[mckean.deborah@epa.gov]  
**From:** Wall, Dan  
**Sent:** Tue 8/11/2015 1:33:24 PM  
**Subject:** RE: update

We are running behind here. I need to get the sediment sampling crew out the door before we can talk.

**From:** OBrien, Wendy  
**Sent:** Tuesday, August 11, 2015 7:32 AM  
**To:** McKean, Deborah; Wall, Dan  
**Subject:** FW: update

Some thoughts I sent to myself last night before going to sleep. May be helpful for our discussion this morning.

Wendy O'Brien, DVM, PhD, DABT

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**From:** OBrien, Wendy  
**Sent:** Monday, August 10, 2015 9:32 PM  
**To:** OBrien, Wendy  
**Subject:** FW: update

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**From:** OBrien, Wendy

**Sent:** Monday, August 10, 2015 5:58 PM

**To:** McKean, Deborah; Wall, Dan

**Subject:** update

Deb and Dan,

Thought I'd catch you up a little bit on things here in the office. We now have a number of folks involved from different programs, especially as related to water. Here is an initial attempt to give some structure to the different arenas we've got going on for data evaluation. Any input you can give regarding what's happening on the ground there would be helpful as I'm trying to get a handle on how we organize our queries of the database and set it up to flag exceedances of our screening criteria.

Water Quality (POC Karl Herman)

Segmental analysis of water quality parameters along Animas

Calculation of eco values requiring water hardness input, by river segment

Parameters on a station by station basis, sample by sample basis?

Drinking Water (POC Sarah Bahrman)

Coordinating with ATSDR

Compare data with MCLs on a station by station basis, or station closest to City of Durango intake?, sample by sample or average or 95 UCL? Ask Bob Benson?

Human Risk Assessment

City of Durango public water supply

Station closest to city intake? sample by sample or average or 95 UCL? Ask Bob Benson? Or Sarah Bahrman?

Recreational use along river (sediment considerations?)

River guides

Average or 95 UCL? Station by station or averaged across stations? Use all data or just most recent data?

Beaches

Averages or 95 UCL? Station by station or average across stations?

Flooded areas – are these residential or recreational or ? Sediment?

Averages or 95 UCL?

Fish consumption

Compare to CO fish values? Water + fish values? Station by station, sample by sample, average of 95 UCL of multiple stations? Which stations? All or a subgroup?

Agricultural (livestock, irrigation)

Compare to CO ag values, station by station, certain stations? Average over space and time? Or use most recent data?

Ecological Risk Assessment

Dan – fill in here

Background (pre-event levels)

Data coming from Jan Christner

Need statistical data analysis 95 UTL or ???

We have the daily unified calls with tox types from Region 6 and 9. What else can we do here in the office to help with unified coordination?

It would be great if the three of us could set up a time for a ½ hour conversation so I can learn what else I can do on this end to help you. Let me know when is a convenient time for the two of you and I will make it work.

Thanks.

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